

Title (en)
A BUILDING SYSTEM

Title (de)
BAUSYSTEM

Title (fr)
SYSTÈME DE CONSTRUCTION

Publication
EP 3724406 A4 20210825 (EN)

Application
EP 18888311 A 20181214

Priority

- AU 2017905038 A 20171217
- AU 2018051343 W 20181214
- AU 2017905037 A 20171216

Abstract (en)
[origin: WO2019113651A1] The present invention relates to a building system and a method of making and assembling the building system. In particular, the present invention relates to a footing for a building structure, the footing comprises a plurality of precast concrete layers, each precast concrete layer comprising reinforcement bars and a plurality of apertures. The footing further comprises a base structure comprising a base plate and a plurality of alignment bars protruding from the base plate. The footing is configured such that when the plurality of precast concrete layers are positioned on top of one another, the plurality of alignment bars of the base structure extend through the respective apertures of each precast concrete layer. Furthermore, the present invention relates to a building structure having one or more building modules.

IPC 8 full level
E02D 27/01 (2006.01); **E02D 5/22** (2006.01); **E02D 27/10** (2006.01); **E02D 27/42** (2006.01); **E02D 27/44** (2006.01); **E04B 1/343** (2006.01)

CPC (source: AU CN EP US)
E02D 5/223 (2013.01 - US); **E02D 5/56** (2013.01 - US); **E02D 5/801** (2013.01 - EP); **E02D 27/01** (2013.01 - EP); **E02D 27/016** (2013.01 - AU US); **E02D 27/08** (2013.01 - AU); **E02D 27/12** (2013.01 - CN); **E04B 1/14** (2013.01 - AU); **E04B 1/34321** (2013.01 - EP); **E04B 1/34326** (2013.01 - EP); **E04B 5/32** (2013.01 - US); **E04B 5/38** (2013.01 - AU); **E02D 2200/1671** (2013.01 - US); **E04B 1/043** (2013.01 - AU); **E04B 1/2403** (2013.01 - US); **E04B 1/34317** (2023.08 - EP); **E04B 2001/2415** (2013.01 - US); **E04B 2001/2421** (2013.01 - US); **E04B 2001/2451** (2013.01 - US); **E04B 2001/2457** (2013.01 - US)

Citation (search report)

- [X] CN 101255700 A 20080903 - ZHENGYI ZHAO [CN]
- [A] CN 106894437 A 20170627 - TONGJI ARCH DESIGN (GROUP) CO LTD
- [A] JP 2017002591 A 20170105 - ASAH CONCRETE WORKS
- [A] AU 2010226975 A1 20110421 - GRIFFITHS CIVIL BUILD LTD [NZ]
- See also references of WO 2019113651A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2019113651 A1 20190620; AU 2018384085 A1 20200723; AU 2018384085 B2 20240613; AU 2021107573 A4 20220106; CN 111712601 A 20200925; CN 111712601 B 20230131; CN 116201159 A 20230602; EP 3724406 A1 20201021; EP 3724406 A4 20210825; EP 3724406 B1 20240207; EP 3724406 C0 20240207; JP 2021507148 A 20210222; JP 7325835 B2 20230815; SG 11202005453W A 20200729; US 11598066 B2 20230307; US 2021087773 A1 20210325

DOCDB simple family (application)
AU 2018051343 W 20181214; AU 2018384085 A 20181214; AU 2021107573 A 20211006; CN 201880089444 A 20181214; CN 202211698128 A 20181214; EP 18888311 A 20181214; JP 2020533102 A 20181214; SG 11202005453W A 20181214; US 201816954442 A 20181214